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SUBJECT: EVALUATION OF GLASS LAMP MISSION G-037, 13 AUGUST 1968.

1. QUALITY SUMMARY: THIS MISSION PROVIDES IMAGERY OF BETTER QUALITY THAN RECENT MISSIONS UTILIZING UNIT B-18. EVEN THOUGH THE IMAGERY THROUGHOUT THE MISSION APPEARS SLIGHTLY SOFT, POSSIBLY VIBRATION INDUCED, THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE CONSIDERED GOOD. CLOUD COVER AND HAZE OBSCURE 10 PERCENT OF THE ENTIRE MISSION.

## 2. MISSION DATA:

A. STANDARD "B" CAMERA, NUMBER B-18 WAS EMPLOYED. THIS WAS AN OPERATIONAL MISSION USING A U-2 AIRCRAFT. MODE V WAS USED THROUGHOUT.

B. FILM TYPE 3400 WAS EMPLOYED. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN. ALL MATERIAL WAS PROCESSED TO A 0. GAMMA SPEED OF BAR 2.32 (LOG E).

## 3. ORIGINAL NEGATIVE:

- A. EXPOSURE APPEARS ADEQUATE.  
B. DENSITY AND CONTRAST ARE MEDIUM.  
C. IMAGED DEGRADATIONS:

(1) 9R SIDE: INBOARD AND OUTBOARD ROLLER CHATTER ARE PRESENT INTERMITTENTLY THROUGHOUT. A NARROW PLUS DENSITY STREAK LOCATED 4.1 INCHES FROM AND PARALLEL TO THE INBOARD EDGE IS PRESENT FROM FRAME 1795 TO THE END OF THE MISSION.

(2) 9L SIDE: A FOUR INCH LONG WEDGE-SHAPED FOG PATTERN ENTERS THE ACTIVE FORMAT FROM THE TITLED EDGE, FOUR INCHES FROM THE LEFT FORMAT EDGE ON FRAME 0244. THOSE FRAMES THAT CONTAIN UNIFORM DENSITY AREAS EXHIBIT SUBTLE FOG PATTERNS. THE FIRST IS LOCATED ONE INCH FROM THE DATA BLOCK EDGE, THE SECOND, THREE INCHES FROM THE RIGHT FORMAT EDGE AND ONE INCH FROM THE TITLED EDGE.

(3) BOTH SIDES: MINOR FOG, LOCATED IN THE VICINITY OF THE VERTICAL INDICATOR DOT IS PRESENT ON ALL FRAMES.

## D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: A HEAT SPLICE IS LOCATED IN FRAME 919 AND A MANUFACTURER'S SPLICE IN 1093.

(2) 9L SIDE: A HEAT SPLICE IS LOCATED IN FRAME 911.

## E. AUXILIARY DATA:

(1) 9R SIDE: ALL 1R POSITION INDICATORS ARE FAINTLY IMAGED.  
(2) 9L SIDE: THE 1R POSITION INDICATOR VARIES FROM FAINT TO PROPERLY EXPOSED. IT IS NOT IMAGED ON FRAME 1314.

(3) BOTH SIDES: ALL OTHER AUXILIARY DATA FUNCTIONED PROPERLY.

F. OTHER DATA: LAST TITLED FRAME ON BOTH SIDES IS 2056.

4. POSITIVES: PRINTING AND PROCESSING ARE GOOD.

S E C R E T

END OF MESSAGE

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